

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

1. (Cancelled)
2. (Cancelled)
3. (Cancelled)
4. (Cancelled)
5. (Cancelled)
6. (Cancelled)
7. (Cancelled)
8. (Cancelled)
9. (Currently Amended) A portable communication terminal capable of detecting a position of the portable communication terminal by using a Global Positioning System, the portable communication terminal comprising:
an ~~a~~-input unit which inputs first data for specifying a specific individual and second data for specifying an another portable communication terminal owned by the specific individual in correspondence with icon data;

a storage unit which stores the inputted first and second data and positional information of the another portable communication terminal owned by the specific individual in correspondence with the icon data;

an azimuth measuring unit for measuring an azimuth of the specific individual;

a display; and

a controller which accesses, via a base station, the another portable communication terminal corresponding to the icon data, downloads the positional information of the another portable communication terminal corresponding to the icon data, automatically updates the positional information of the another portable communication terminal corresponding to the icon data which is stored in the storage unit, and displays an icon based on the icon data so as to be superposed on a map displayed on the display;

wherein the map displayed on the display is provided based on map information downloaded through the base station according to the downloaded positional information of the another communication terminal; and

wherein an inclination angle of the icon character on the map is controlled based on the measured azimuth.

10. (Original) The portable communication terminal according to claim 9, wherein

the portable communication terminal is a portable telephone apparatus,

the second data is a telephone number, and

when the icon displayed on the display is selected, the controller reads out the telephone number corresponding to the selected icon data from the storage unit and executes a telephone calling process operation based on the read telephone number.

11. (Cancelled) The portable communication terminal according to claim 9, wherein the map displayed on the display is provided based on map information downloaded through a based station according to the downloaded positional information of the portable communication terminal.

12. (Cancelled) The portable communication terminal according to claim 9 further comprising:

an azimuth measuring unit for measuring an azimuth of the specific individual, wherein an inclination angle of the icon character on the map is controlled based on the measured azimuth.

13. (Cancelled)

14. (Cancelled)

15. (Currently Amended) A method of controlling a portable communication terminal capable of detecting a position of the portable communication terminal by using a Global Positioning System, the method comprising the steps of:

inputting first data for specifying a specific individual and second data for specifying an another portable communication terminal owned by the specific individual in correspondence with icon data;

storing the inputted first and second data and positional information of the another portable communication terminal owned by the specific individual in correspondence with the icon data;

measuring an azimuth of the specific individual;

accessing, via a base station, the another portable communication terminal corresponding to the icon data;

downloading the positional information of the another portable communication terminal corresponding to the icon data;

automatically updating the positional information of the another portable communication terminal corresponding to the stored icon data; and

displaying an icon based on the icon data so as to be superposed on a map displayed on a display;

wherein the map displayed on the display is provided based on map information downloaded through the base station according to the downloaded positional information of the another communication terminal; and

wherein an inclination angle of the icon character on the map is controlled based on the measured azimuth.

16. (Cancelled)

17. (Cancelled)

18. (Currently Amended) A computer readable recording medium ~~program~~ ~~product~~ including instructions, wherein the instruction, when executed by a computer provided in a portable communication terminal ~~capable of~~ detecting a position of the portable communication terminal by using a Global Positioning System, cause the portable communication terminal to perform the steps of:

inputting first data for specifying a specific individual and second data for specifying an another portable communication terminal owned by the specific individual in correspondence with icon data;

storing the inputted first and second data and positional information of the another portable communication terminal owned by the specific individual in correspondence with the icon data;

measuring an azimuth of the specific individual;

accessing, via a base station, the another portable communication terminal
corresponding to the icon data;

downloading the positional information of the another portable communication
terminal corresponding to the icon data;

automatically updating the positional information of the another portable
communication terminal corresponding to the stored icon data; and

displaying an icon based on the icon data so as to be superposed on a map
displayed on a display;

wherein the map displayed on the display is provided based on map information
downloaded through the base station according to the downloaded positional
information of the another communication terminal; and

wherein an inclination angle of the icon character on the map is controlled based
on the measured azimuth.

19. (Previously Presented) The portable communication terminal according to
claim 9, further comprising:

a detector which detects whether or not the position of the portable
communication terminal corresponding to icon data is located within a predetermined
range previously set by receiving the positional information indicating a position of the
portable communication terminal corresponding to the icon data; and

a reproducing unit which reads out the musical data stored in the storage unit
and reproduces music based on the read musical data when the detector detects that

the portable communication terminal corresponding to the icon data is located within the predetermined range.

20. (Previously Presented) The portable communication terminal according to claim 19, wherein the icons registered in the register unit are different each other for every corresponding other portable communication terminal.

21. (Previously Presented) The portable communication terminal according to claim 19, wherein

the portable communication terminal is a portable telephone apparatus, and

the second data, input by unit, for specifying the portable telephone apparatus is a telephone number of the portable telephone apparatus.

22. (Previously Presented) The portable communication terminal according to claim 19, wherein the reproducing unit is capable of reproducing a plurality of the musical data which are different from each other for every corresponding other portable communication terminal.

23. (Previously Presented) The portable communication terminal according to claim 19, wherein the predetermined range is set as a distance from a predetermined target position.

24. (Currently Amended) ~~The portable telephone apparatus according to claim~~
9 A portable communication terminal capable of detecting a position of the portable
communication terminal by using a Global Positioning System, the portable
communication terminal comprising:

an input unit which inputs first data for specifying a specific individual and second
data for specifying an another portable communication terminal owned by the specific
individual in correspondence with icon data;

a storage unit which stores the inputted first and second data and positional
information of the another portable communication terminal owned by the specific
individual in correspondence with the icon data;

a display;

a controller which accesses the another portable communication terminal
corresponding to the icon data, downloads the positional information of the another
portable communication terminal corresponding to the icon data, automatically updates
the positional information of the another portable communication terminal corresponding
to the icon data which is stored in the storage unit, and displays an icon based on the
icon data so as to be superposed on a map displayed on the display; and

further comprising: a musical piece reproducing unit which reproduces a musical
piece, wherein

the input unit inputs target position data, and target distance data for designating
a target range by using the target position as a reference;

the storage unit includes:

a first storage unit including a positional information table which stores
thereinto the first data, the second data, the target position data, the target distance

data, and present positional information indicative of a present position of the portable telephone apparatus, and

a second storage unit which stores therein a distance/ displacement angle table, various sorts of programs, and fixed data, the distance/ displacement angle table including an arc distance with respect to a longitude displacement angle and an arc distance with respect to a latitude displacement angle at each of latitude positions, and

the controller acquires positional information indicative of a present position of the another portable telephone apparatus as a communication counter station, updates the present positional information of the positional information table based upon the acquired positional information, and calculates a first distance between the present position of the communication counter station and a target position from the acquired present positional information, the target position data, and the distance/ displacement angle data based upon the arc distance with respect to the longitude displacement angle and the arc distance with respect to the latitude displacement angle at latitude in the vicinity of the target position, wherein the controller compares the first distance with a second distance indicated by the target distance data, and drives the musical piece reproducing unit when the calculated first distance is shorter than, or equal to the second distance.

25. (Currently Amended) The method according to claim 15 further comprising the steps of: